



**WESTERN KENTUCKY
STATE COLLEGE
THE GRADUATE DIVISION**

1962

Western in Summary

Western Kentucky State College is located in Bowling Green, Kentucky (population 32,000) on a large hill known as College Heights.

Western was founded in 1906, having as its predecessor the Southern Normal School. The College became a four-year degree-granting institution in 1922 and began offering the Master of Arts Degree in 1931.

Regularly enrolled students for 1962-63 was 5,138.

Personnel of the College

Board of Regents

Wendell P. Butler	Frankfort, Kentucky
H. Bemis Lawrence	Louisville, Kentucky
Douglas Keen	Scottsville, Kentucky
Maxey B. Harlin	Bowling Green, Kentucky
W. Gerald Edds	Calhoun, Kentucky
Owen C. Hammons	Louisville, Kentucky
Hugh Poland	Guthrie, Kentucky

Administrative Staff

Kelly Thompson, M.A., LL.D.	President of the College
Raymond L. Cravens, Ph.D.	Dean of the College
John D. Minton, Ph.D.	Associate Dean of Graduate Instruction
William R. Hourigan, Ph.D.	Associate Dean of Undergraduate Instruction
Dero G. Downing, M.A., Ed.S.	Dean of Admissions
Rhea Lazarus, A.B., M.A.	Registrar
Charles A. Keown, M.S.	Dean of Students
Miss Judith Anne Moore, M.A.	Dean of Women
Lee Robertson, M.A.	Director of Alumni and Placement
Billy S. Smith, B.S.	Business Manager
Robert G. Cochran, M.A.	Director, Public Relations
L. T. Smith, M.A.	Physical Plant Administrator
Owen Lawson, Jr., M.A.	Director, Buildings and Grounds
James A. Carpenter, M.A., Ed.S.	Director, Training School
P. L. Sanderfur, M.A.	Director, Extension Division
Miss Margie Helm, M.A.	Director, Division of Library Services

Committee On Graduate Instruction

Raymond L. Cravens, Chairman; Allan G. Anderson, Dero G. Downing, Rhea Lazarus, Paul Hatcher, Margie Helm, V. T. Hornback, William M. Jenkins, C. P. McNally, J. D. Minton, Walter Nalbach, Albert L. Olson, Tate C. Page, James H. Poteet, M. W. Russell, Charles Shedd, H. L. Stephens, Thomas J. Stone, Ruth Hines Temple, R. Paul Terrell, Willson Wood.

For Information concerning graduate study at Western Kentucky State College write:

Dr. John D. Minton, Associate Dean of Graduate Instruction.

WESTERN KENTUCKY STATE COLLEGE

Bowling Green, Kentucky

MEMBER

Southern Association of Colleges and Schools

National Council for Accreditation of Teacher Education

National Association of Schools of Music

American Association of Colleges for Teacher Education

Kentucky Association of Colleges, Secondary
and Elementary Schools

American Council on Education

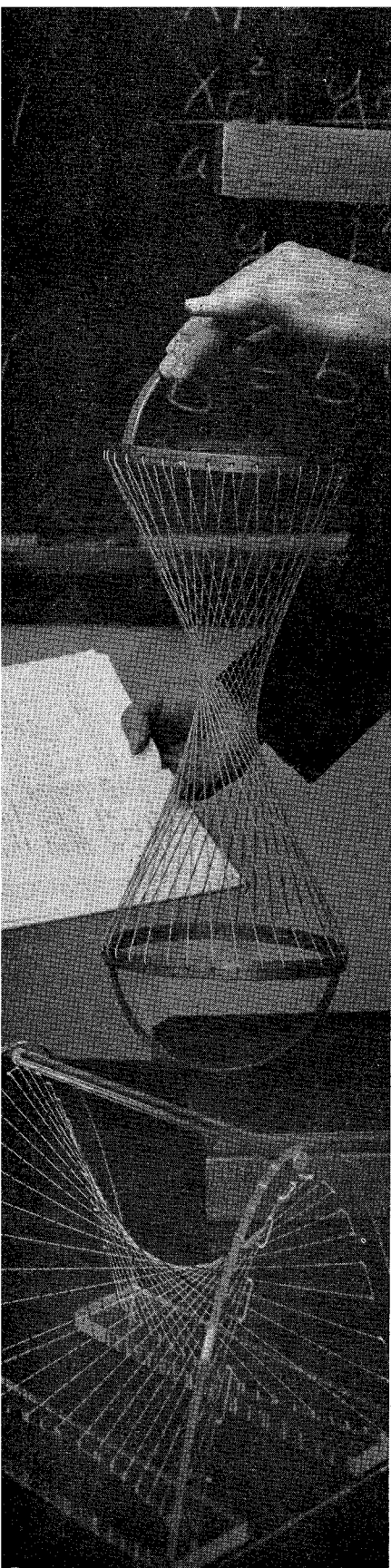
EDUCATION FOR



LEADERSHIP

COLLEGE HEIGHTS BULLETIN CATALOG ISSUE

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The Graduate Programs

Western offers varied graduate curricula leading to the professional degree of Master of Arts in Education. Students may elect to pursue one of the school-leadership curricula, the elementary-education curriculum, or the secondary-education curriculum. In the latter program the student may major in his teaching area.

I. The School Leadership Programs: These curricula prepare students for the positions of principal, superintendent, guidance counselor, supervisor, director of pupil personnel, and psychometrist.

II. The Elementary Education Program: This program is designed to fulfill the requirements for the Standard Elementary Certificate in Kentucky. A minimum of 12 hours of credit must be taken outside the field of professional education.

III. The Secondary Education Program: Students pursuing this program may major in and earn a maximum of 21 hours in the areas of social science, science, English or Music; or they may major in education and minor in their particular teaching field. A student must earn a minimum of 12 semester hours in subject matter during his master's program, including at least 9 hours in one particular subject within his area.

Objectives of Graduate Study

1. To provide a period for concentrated study on the graduate level of the more strictly professional phases of teacher education.
2. To supply an opportunity for extending or supplementing undergraduate preparation in certain teaching fields.
3. To provide some training and experience in the field of educational research and to make contributions toward the solution of teaching and administrative problems in the schools of the state.
4. To provide a program of graduate studies leading to permanent certificates for all types of educational workers in the public schools of the state.



Organization of the Graduate Division

Graduate study is under the general direction of the Committee on Graduate Instruction of which the Dean of the College is chairman. The Graduate Division is administered by the Associate Dean of Graduate Instruction.

Fees For Graduate Work

Schedule of Registration and Incidental Fees for One Semester:

	Kentucky Students	Out of State Students
Incidental—11 or more hours	\$77.00	\$154.00
Fewer than 11 hours—per hour	7.00	14.00
For Summer Session		
Incidental—6 or more hours	42.00	84.00
Fewer than six semester hours— per hour	7.00	14.00

Special Fees:

- I. Laboratory fees are assessed at the time of registration when applicable.
- II. Fee for Graduate Record Examination \$3.00

Living Accommodations

Reservations for rooms in a College dormitory should be made with the Dean of Students. Information concerning off-campus housing may be obtained through the same office.

Regulations of the Graduate Division

Admission to Graduate Study

REQUIREMENTS FOR ADMISSION

Graduates of standard four-year colleges may be admitted to graduate study, but the Master's Degree will not be granted until the candidate has completed the requirements for a certificate in Kentucky or in any other state with a four-year curriculum for the education of teachers. Undergraduates

within six hours of the Bachelor's Degree at Western Kentucky State College may be admitted to graduate study.

MAKING APPLICATION FOR ADMISSION

Application for admission to graduate study shall be made to the Associate Dean of Graduate Instruction. Two official transcripts of all undergraduate and graduate work must be filed with the Graduate Office. If possible these should be presented at least four weeks before registration. No student will be admitted to graduate work until all of his credits have been filed in the Dean's Office and approved by the heads of the departments concerned and by the Associate Dean.

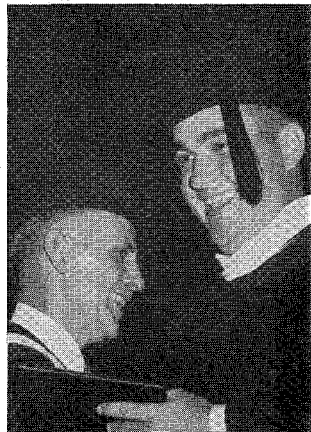
The first semester or summer term of graduate study will be considered a test of the student's ability to do satisfactory work. Any student whose academic record or personal qualifications at the end of the first term are unsatisfactory will not be admitted to candidacy for the degree.

General Requirements for the Master of Arts Degree

1. Course Requirements:

a. At least fifty percent of the hours required for the Master's Degree must be earned in courses open only to graduate students. On permission of the Graduate Committee, the remainder of the credits may be earned in those 300-level courses which are open to graduate students. No graduate credit will be given for courses numbered below 300. Students receiving graduate credit in courses numbered below 400 will be required to complete a special assignment in addition to the regular classroom work. The assignment will be of an investigative nature and should demonstrate the ability of the student to collect and organize data in a way expected of a graduate student in a graduate course.

b. Graduate students may not enroll for more than 16 hours of work in a semester or 9 hours in a summer term of eight weeks. Students holding full-time positions will not be permitted to enroll for more than four hours of credit during any semester. The minimum graduate credit that may be counted as a semester of residence is 9 hours.



6 DEGREE REQUIREMENTS

c. With the approval of the Committee on Graduate Instruction, a maximum of six semester hours of course credit and nine weeks of residence credit earned at another institution may be used toward the Master's Degree at Western.

d. No more than six semester hours of course credit and nine weeks of residence credit earned in extension courses taught by instructors of Western may be submitted for the Master's Degree.

Special Note: No graduate student may submit both six hours of transferred credit and six hours of credit earned in an extension center, but he may submit three hours of transfer credit and three hours of extension credit.

e. No credit earned through correspondence study may be used for the degree.

f. The Master's Degree will not be conferred on any candidate with an average scholastic standing of less than 2, or B, in all graduate work undertaken. No credit will be granted for work with D grades.

g. No credit will be allowed for excess undergraduate work or work done as a special post-graduate student.

h. All candidates for the Master of Arts Degree shall be required to earn a nine semester hour minor in non-professional subject matter courses.

2. Residence Requirements: A graduate student who does not have a minimum of 12 semester hours of undergraduate credit in professional education shall be required to complete not fewer than 45 weeks of residence while completing course requirements for the Master's Degree.

One-half of the course requirements and one-half of the residence work shall be done as a full-time graduate student. Residence credit for part-time study at the graduate level shall be one and one-half weeks for each semester hour of credit and shall apply to students who carry less than a minimum full-time load.

When a person has an undergraduate deficiency, the residence credit shall be reduced one week for each semester hour of undergraduate deficiency being removed.

All course and residence requirements for the master's degree must be completed within a period of five consecutive years.

3. Examinations:

In addition to course examinations, all candidates for the Master of Arts Degree must pass final examinations covering the thesis and major and minor fields of study. This examination may be either written or oral and shall be conducted by a special committee appointed by the Associate Dean. The final examination must be preceded by the approval of the candidate's thesis by this Advisory Committee.

The Master of Arts Degree in Education shall be granted only upon the recommendation of the Examining Committee, and by vote of the Graduate Committee, and shall be conferred only at the regular commencements of the Institution.

Students who began graduate studies after September 1, 1960 are required to take the Graduate Record Examination.

This regulation applies to all special graduate students working toward Rank I classification.

Program Options for the Master of Arts Degree

Requirements for the Master's Degree may be satisfied by one of the following plans.

PLAN I—WITH A THESIS

1. Course Requirements

a. All candidates for the Master of Arts Degree under Plan I must present a minimum of 30 semester hours of graduate credit, 24 of which must be in course work. At least 9 of the 24 hours exclusive of credit for research and thesis must be in professional education. The candidate must have not fewer than 28 semester hours of credit in professional education at the undergraduate level and/or graduate level.

The remainder of the course work required for the degree will be determined by the Institution in terms of the professional needs of the student, provided that it shall be in upper division and/or graduate courses.

2. Research and Thesis

Every graduate student completing requirements for the Master's Degree under Plan I must register for research in his major field during the minimum residence period of thirty-six weeks.

8 DEGREE REQUIREMENTS

Research culminating in the writing of a satisfactory thesis upon some educational problem approved by the heads of the departments concerned and the Graduate Committee shall form a part of the requirements for the degree. This thesis should show at least the following characteristics: (a) ability to locate and define problems for study; (b) capacity to work independently on the problem approved; (c) a reasonably wide familiarity with the literature of the subject; (d) a practical working knowledge of research methods; and (e) conclusions justified by supporting data.

When the subject of the thesis has been decided upon, the head of the department in which the student is doing his major work shall notify the Associate Dean of Graduate Instruction in writing, giving the name of the student and the subject of the investigation. This must be done at least one semester before the degree is to be awarded.

During the preparation of the thesis, the student shall be under the direction of a Thesis Advisory Committee selected from the major and minor departments by the heads of the departments concerned and approved by the Associate Dean.

At least four weeks before the date upon which the degree is to be conferred, the complete thesis shall be submitted for criticism by the Thesis Advisory Committee.

At least two weeks before the date on which the degree is to be conferred, the thesis in final form must be submitted for approval by the members of the Advisory Committee and the chairman of the Graduate Committee. Two copies of the approved thesis must be filed by the student with the Associate Dean of Graduate Instruction.

On consent of the head of the department and the major professor, a student may be permitted to work on his thesis in absentia without credit.

The thesis must conform to certain definite mechanical standards set up by the Graduate Committee.

PLAN II—WITHOUT A THESIS

On the approval of the Graduate Committee, graduate students may elect to do additional course work in lieu of writing a thesis. Under this plan candidates for the Master of Arts Degree will:

1. Present a minimum of 30 hours of credit in required and elective courses.
2. Demonstrate their ability to do research through term papers, special reports, or other assignments to be determined by the student's committee and approved by the Committee on Graduate Instruction.
3. Satisfy all other course requirements for the Master's Degree as outlined under Plan I.

Steps in the Student's Graduate Program

There are several major steps through which graduate students must go during their Master's Degree program. At various stages the student's work is evaluated, and he is permitted to advance to the next step by his committee. Failure to follow these procedural regulations may result in a delay in the completion of degree requirements. These steps are as follows:

I. Admission to Graduate Study and Filing of Declaration of Intent—

Application for admission is filed with the Associate Dean of Graduate Instruction. He will effect the admission upon receipt of the student's undergraduate transcript. The Declaration of Intent is filed with the Associate Dean, who assigns the student's graduate committee. The filing of the Declaration of Intent does not obligate the College to admit a student to a particular degree program. The College reserves the right to pursue a selection program in the admission of students to its school leadership programs.

II. Filing the Graduate Degree Program and Securing Admission to Full Graduate Standing—

(To be filed with the Associate Dean during the first term of graduate study.) These two matters are concomitant in a student's graduate program. The student's committee evaluates the student's undergraduate record to determine his eligibility for full graduate standing. The satisfactory correction of any deficiencies may be made a condition for admission to full graduate standing. The complete graduate degree program is then outlined, approved by the student's committee, and filed with the Associate Dean of Graduate Instruction.

III. The Admission to Candidacy—(To be filed after one-half or more of the degree program is completed.)

Admission to candidacy is a serious step in the student's graduate program. At this time the student's committee reviews his qualifications and determines whether all conditions, if any, attendant to the student's full graduate standing have been fulfilled. A student must have earned a B average in all graduate work attempted before he can be admitted to candidacy for the Master's Degree. The comprehensive examination may not be scheduled until the student has been admitted to candidacy.

Before being admitted to candidacy for the Master of Arts Degree, the student must meet the following minimum requirements:

1. He must have removed all undergraduate deficiencies and completed all undergraduate prerequisites for work in the graduate fields selected.
2. He must have completed at least one-half of the course requirements in his major and minor subjects and have a scholastic standing of B or above, with no grade below C.
3. He must have demonstrated his ability to do satisfactory educational research.
4. He must have shown that he has proficiency in organizing and expressing thought orally and in writing.
5. He must possess satisfactory personal and professional fitness to become a candidate.
6. He must demonstrate promise of more than average ability as an educational leader.
7. The heads of the departments in which a student is doing his major and minor work must have filed with the Associate Dean a statement endorsing the student for admission to candidacy.
8. An applicant may be required to pass either a written or oral qualifying examination before he is admitted to candidacy.
9. An applicant may be admitted to candidacy for the Master's Degree only by the vote of the Committee on Graduate Instruction.

IV. Application for Comprehensive Examination—

All candidates for the Master of Arts Degree must pass either an oral or written comprehensive examination in all fields presented toward the fulfillment of requirements. Application for scheduling of the comprehensive examination should be made with the Associate Dean of Graduate Instruction not later than eight weeks before the date on which the degree is expected.

V. Application for the Degree—

Application for the Master of Arts in Education Degree must be filed with the Registrar of the College at least eight weeks before the date on which the degree is to be conferred. At this time the graduation fee must be paid at the Business Office.

VI. Submission of Completed Thesis—

Students following Plan I as outlined above must submit their completed thesis to their graduate committee not later than four weeks before the date on which the Master's Degree is expected.

The thesis in final form must be submitted to the student's committee and the Associate Dean of Graduate Instruction at least two weeks before the date on which the degree is to be conferred. Two copies of the approved thesis must be filed by the student with the Associate Dean of Graduate Instruction.

VII. Ordering of Cap and Gown—

At least three weeks before graduation, a student should make arrangements for his cap and gown through the College Heights Bookstore.

Outlines of Individual Graduate Curricula

Curriculum for High School Teachers

LEADING TO THE MASTER OF ARTS DEGREE AND A STANDARD HIGH SCHOOL CERTIFICATE

The Standard High School Certificate, valid for ten years, shall be issued to a person who meets the requirements of law and general regulations of the State Board of Education and files a transcript of credits showing the completion of the four-



12 GRADUATE CURRICULA

year curriculum for the training of high-school teachers as prescribed by the Council on Public Higher Education, and who, in addition thereto, completes the requirements for a Master's Degree in a standard graduate school as prescribed.

The curriculum leading to the Standard High School Certificate shall be based upon the following:

1. Completion of the requirements for the Master's Degree which shall be based upon at least 30 semester hours of graduate work. For students who write a thesis, a minimum of 24 semester hours shall be required.
2. At least 15 of the 30 hours required for the Master's Degree must be in courses open only to graduate students. Nine of the 15 hours must be in professional education courses.
3. At least nine semester hours of the required work shall be in professional education courses designed to develop the recommended competencies. **These courses will be chosen according to the student's needs after consultation with the student's graduate advisor in education.**

At least 12 of the 30 semester hours required for the degree shall be non-professional subject matter courses. These courses must be selected from the list of subjects in which majors and/or minors may be completed on the undergraduate level and used in partial fulfillment of requirements for the Bachelor's Degree and the Provisional High School Certificate.

When Western does not offer graduate work in a particular field, students may be permitted to earn their graduate minor and the Standard Secondary Certificate in a distributed general education program.

In this program the student may elect to major in the following subject fields:

1. Social Science Area
2. Science or Science-Mathematics Area
3. English or English and Allied Language Arts Area
4. Music Education

If the student majors in an area other than education, he must earn a minimum of nine hours in one of the subjects included in the area. The maximum number of hours which may be taken in these major areas is 21 hours.

Curriculum for Elementary Teachers

LEADING TO THE MASTER OF ARTS DEGREE AND STANDARD ELEMENTARY CERTIFICATE

The Standard Elementary Certificate, valid for ten years, shall be issued to a person who meets the requirements of law and general regulations of the State Board of Education and files a transcript of credits showing the completion of the four-year curriculum for the training of elementary teachers as prescribed by the Council on Public Higher Education and who, in addition thereto, completes the requirements for a Master's Degree in a standard graduate school, as prescribed.

The curriculum, which is to be approved by the State Board of Education, leading to the Standard Elementary Certificate shall be based upon the following:

1. Completion of the requirements for the Master's Degree which shall be based upon at least 30 semester hours of graduate work. For students who write a thesis, a minimum of 24 semester hours shall be required.
2. At least 15 of the 30 hours required for the Master's Degree must be in courses open only to graduate students. Nine of the 15 hours must be in professional education courses.
3. At least 12 semester hours of the required work shall be in professional education. These courses should be chosen from those designed to develop the recommended competencies of an elementary teacher. **These courses will be chosen according to the student's needs after consultation with the student's graduate advisor in education.**
4. At least 12 semester hours of the total hours required for the degree shall be non-professional subject matter courses. These courses must be selected from the fields of study required in general education and/or in subject matter courses used in partial fulfillment of the four-year elementary curriculum for elementary certification.

The student in elementary education may take a distributed subject matter graduate minor which may include courses in as many as three different subject fields.



The student in elementary education may take a distributed subject-matter graduate minor which may include courses in as many as three different subject fields.

The following subject-matter courses are recommended for elementary education graduate students:

- General Science 400—Advanced Physical Science
- General Science 401—Advanced Biological Science
- Sociology 306—Criminology
- Sociology 308—Social Organization
- Sociology 388—Social Stratification
- Sociology 400—Cultural Anthropology
- History 400—Cultural and Social Aspects of American Life
- Government 430—Constitution and Civil Rights
- Government 323—American Political Thought
- Social Science 401—Growth and Development of Kentucky
- Geography 371—Conservation of Natural Resources
- Psychology 318—Psychology of Exceptional Children
- Psychology 319—Abnormal Psychology
- Psychology 320—Personality Adjustments and Mental Hygiene
- English—Electives in Senior College or Graduate English Courses
- Library Science—Electives in Senior College or Graduate Library Science Courses
- Geography—Senior College Regional Geography

The Standard Elementary Certificate may be extended for life upon three years of successful teaching experience during the life of the certificate. If the holder fails to meet the requirements for life extension before the certificate expires, the certificate may be registered at the end of each ten-year period in the Division of Teacher Education and Certification of the State Department of Education on basis of 12 semester hours of graduate work.

The Provisional and Standard Elementary Certificates based upon a minimum of four years of college preparation shall be valid for teaching in grades one through nine, provided the ninth grade is non-departmentalized.

Curriculum for Superintendents

LEADING TO THE MASTER OF ARTS DEGREE AND THE PROVISIONAL CERTIFICATE FOR SUPERINTENDENTS

I. Pre-Admission Course Requirements

A. Professional Education Requirements

Students shall complete two of the following three courses.

Education 486—History and Philosophy	} ... 6 sem. hrs.
Education 470—The Curriculum	
Education 438—Research Methods	

B. Subject Matter Minor Requirements

Students shall complete a minimum of six semester hours of related subject matter courses prior to admission to the program

for superintendents 6 sem. hrs.

TOTAL 12 sem. hrs.

II. Requirements for Admission to the Superintendents Program

Admission to the superintendents program at this point will be based on the recommendation of a selection committee. The recommendations will be based on the following:

1. *Record of four years satisfactory experience in public or private schools.
2. Recommendations from public school officials where the experience was obtained.
3. Recommendations from graduate faculty members with whom the candidate has had courses.
4. Standardized test scores indicating achievement and a potential for growth in the field of guidance.
5. Conference with candidate selection committee.
6. Satisfactory scholastic record.

(Graduate students transferring to Western must be recommended by the institution attended.)

*The candidate may be permitted by the selection committee to pursue the leadership program and gain public-school teaching experience concurrently, but under no circumstances may this program be completed prior to the four years' public-school experience.

III. Post-Admission Course Requirements

Upon the student's admission to the superintendents program, the schedule below will be followed. Completion of the program leads to the Master's Degree and recommendation for certification.

A. Professional Education Requirements—	
Education 450—Fundamentals of School Administration	3 sem. hrs.
Education 466—Principles of Supervision	3 sem. hrs.
Education 491—Guidance and Counseling in Education	3 sem. hrs.
Education 457—School Law	3 sem. hrs.
Education 456—Public School Finance	3 sem. hrs.
B. Subject Matter Minor Requirements—	
Guided related subject matter courses other than professional education	3 sem. hrs.
TOTAL (After Admission)	18 sem. hrs.
TOTAL SEMESTER HOURS FOR YEAR	30 sem. hrs.

Curriculum for Principals

LEADING TO THE MASTER OF ARTS DEGREE AND PROVISIONAL PRINCIPAL CERTIFICATE

I. Pre-Admission Course Requirements

A. Professional Education Requirements

Students shall complete two of the following three courses:

Education 486—History and Philosophy	} 6 sem. hrs.
Education 470—The Curriculum	
Education 438—Research Methods	

B. Subject Matter Minor Requirements

Students shall complete a minimum of six semester hours of related subject matter courses prior to admission to the program for principals

6 sem. hrs.

TOTAL

12 sem. hrs.

II. Requirements for Admission to the Principalship Program

Admission to the principalship program at this point will be based on the recommendation of a selection committee. The recommendations will be based on the following:

1. *Records of three years' satisfactory experience in public or private schools.
2. Recommendations from public-school officials where the experience was obtained.



3. Recommendations from graduate faculty members with whom the candidate has had courses.
4. Standardized test scores indicating achievement and a potential for growth in the field of guidance.
5. Conference with candidate selection committee.
6. Satisfactory scholastic record.

(Graduate students transferring to Western must be recommended by the institution attended.)

*The candidate may be permitted by the selection committee to pursue the leadership program and gain public-school teaching experience concurrently, but under no circumstances may this program be completed prior to the three years' public school experience.

III. Post-Admission Course Requirements

Upon the student's admission to the principalship program, the schedule below will be followed. Completion of the program leads to the Master's Degree and recommendation for certification.

A. Professional Education Requirements—

Education 450—Fundamentals of School

Administration 3 sem. hrs.

Education 466—Principles of Supervision ..

or

Education 462—Elementary School

Supervision }

3 sem. hrs.

*Education 451—Elementary School

Organization and Administration

or

*Education 452—Secondary School Organi-
zation and Administration

3 sem. hrs.

**Education 370—The Elementary

Curriculum 3 sem. hrs.

B. Subject Matter Minor Requirements and Electives

Guided related subject matter courses other

than professional education 3-6 sem. hrs.

Guided Elective 3 sem. hrs.

TOTAL (After Admission) 18 sem. hrs.

TOTAL SEMESTER HOURS FOR YEAR 30 sem. hrs.

* Prerequisite: Completion of three years' teaching experience. In the event that this prerequisite cannot be met the student may be permitted to complete a specified 12 hours of subject matter and, upon completion of the Master's Degree, be recommended for a standard teaching certificate. In this event, the candidate may complete the leadership program requirements during the second year of graduate work.

** Unless taken as an undergraduate.

Special Courses for School Administrators

The following courses are recommended for graduate students pursuing administrative programs.

Economics 401—Survey of Public Finance—Three hours

Government 323—American Political Thought — Three hours

Government 351—Public Administration—Three hours

Government 400—Investigations in State and Local Government—Three hours

Government 430—Constitution and Civil Rights—Three hours

Sociology 388—Social Stratification—Three hours

Sociology 400—Cultural Anthropology—Three hours

Sociology 411—Social Investigations—Three hours

Sociology 412—Social Investigations—Three hours

Other courses in history, geography, economics, sociology, and government are recommended.

Curriculum for Supervisors

LEADING TO THE MASTER OF ARTS DEGREE AND PROVISIONAL CERTIFICATE FOR SUPERVISORS

I. Pre-Admission Course Requirements

A. Professional Education Requirements

Students shall complete two of the following three courses.

Education 486—History and Philosophy

Education 470—The Curriculum

Education 438—Research Methods

} 6 sem. hrs.

B. Subject Matter Minor Requirements

Students shall complete a minimum of six semester hours of related subject matter courses prior to admission to the program for supervisors 6 sem. hrs.

TOTAL 12 sem. hrs.

II. Requirements for Admission to the Supervisors Program

Requirements for admission to this program are identical with those for the Principalship Program outlined on page 15.

III. Post-Admission Course Requirements

Upon the student's admission to the supervisors program the schedule below will be followed. Completion of the program leads to the Master's Degree and recommendation for certification.

A. Professional Education Requirements:

Education 450—Fundamentals of School Administration	3 sem. hrs.
Education 466—Principles of Supervisors.....	3 sem. hrs.
Education 462—Supervising Elem. School Subjects	3 sem. hrs.
*Education 370—Elementary School Curriculum	3 sem. hrs.
Education 491—Guidance & Counseling in Education	3 sem. hrs.

B. Subject Matter Minor Requirements:

Guided related subject matter courses other than professional education3-6 sem. hrs.

TOTAL (After Admission) 18 sem. hrs.

TOTAL SEMESTER HOURS FOR YEAR 30 sem. hrs.

* Unless taken as an undergraduate.

NOTE: Students desiring to become supervisors of art or music may take their nine-hour minor in art or music and thereby gain competency for the supervision of these subjects. Kentucky no longer issues specialized certificates in supervision.

The Guidance Counselor Curriculum**LEADING TO THE MASTER OF ARTS DEGREE AND PROVISIONAL CERTIFICATE FOR GUIDANCE COUNSELORS****I. Pre-Admission Course Requirements****A. Professional Education Requirements**

Students shall complete two of the following three courses prior to admission to the program for guidance counselors.

Education 486—History and Philosophy.....	} 6 sem. hrs.
Education 470—The Curriculum.....	
Education 438—Research Methods.....	

B. Subject Matter Minor Requirements

Students shall complete a minimum of six semester hours of related subject matter courses prior to admission to the program for guidance counselors 6 sem. hrs.

TOTAL 12 sem. hrs.

II. Requirements for Admission to the Guidance Counselor Program

Requirements for admission to this program are identical with those for the Principalship Program outlined on page 16.

The candidate may pursue the guidance program and gain public school experience concurrently. One may secure the Master's Degree and complete the requirements for a standard teaching certificate prior to completion of three years experience in a public school. If this is done, Education 497 and 499 will become part of the Second Graduate Year Program.

III. Post-Admission Course Requirements

Upon the student's admission to the Guidance Program, the schedule below will be followed.

A. Professional Education Requirements:

Education 491—Guidance & Counseling in Education	3 sem. hrs.
Education 492—Testing Techniques & Applications	3 sem. hrs.
Education 494—Educ. & Occupational Inform.	3 sem. hrs.
*Education 497—Counseling Methods and Procedures	3 sem. hrs.
Education 499—Supervised Practices in Guidance	3 sem. hrs.

B. Subject Matter Minor Requirements:**

Guided related subject matter courses other than professional education	3 sem. hrs.
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TOTAL SEMESTER HOURS FOR YEAR 18 sem. hrs.

* *Psychology 400 recommended as a prerequisite.*

** *Completion of a course in psychology of exceptional children is required for certification as School Psychometrist.*

Curriculum for Pupil Personnel Director

LEADING TO THE MASTER OF ARTS DEGREE AND PROVISIONAL CERTIFICATE FOR DIRECTOR OF PUPIL PERSONNEL

I. Pre-Admission Course Requirements

A. Professional Education Requirements

Students shall complete two of the following three courses.

Education 486—History and Philosophy	} ... 6 sem. hrs.
Education 470—The Curriculum	
Education 438—Research Methods	

B. Subject Matter Minor Requirements

Students shall complete a minimum of six semester hours of related subject matter courses prior to admission to the program for supervisors 6 sem. hrs.
TOTAL 12 sem. hrs.

II. Requirements for Admission to the Personnel Directors Program

Requirements for admission to this program are identical with those for the Principalship Program outlined on page 15.

III. Post-Admission Course Requirements

Upon the student's admission to the personnel directors program, the schedule below will be followed. Completion of the program leads to the Master's Degree and recommendation for certification.

A. Professional Education Requirements:

Education 450—Fundamentals of
 School Administration 3 sem. hrs.
 Education 454—Accounting for Pupil
 Personnel 3 sem. hrs.
 *Education 370—Elementary School
 Curriculum 3 sem. hrs.
 Education 466—Principles of Supervision..... 3 sem. hrs.
 Education 491—Guidance and Counseling in
 Education 3 sem. hrs.

B. Subject Matter Minor Requirements:

**Guided related subject matter courses other
 than professional education 3-6 sem. hrs.

TOTAL (After Admission) 12 sem. hrs.

TOTAL SEMESTER HOURS FOR YEAR 30 sem. hrs.

* Unless taken as an undergraduate.

** Strongly recommended for the minor requirements:

Psychology 318—Psychology of Exceptional
 Children 3 sem. hrs.
 Psychology 319—Abnormal Psychology 3 sem. hrs.
 Psychology 320—Personality Adjustments and
 Mental Hygiene 3 sem. hrs.

Rank I Qualification Requirements

Western Kentucky State College offers no graduate credit which leads to advanced certification or degree beyond the Master of Arts Degree.

A person holding the Master of Arts Degree may enroll as a special graduate student to pursue additional work at the masters degree level. Such graduate credit is applicable to Rank I classification as designated by the State Department of Education.

The following guidelines adopted by the State Board of Education established the standards for Rank I qualification.

GUIDELINES FOR RANK I

The guidelines listed below apply to all special graduate students who desire to qualify for Rank I.

Students who wish to meet these qualifications should contact the Associate Dean of Graduate Instruction for advisement.

1. The Rank I program shall require 30 semester hours and 36 weeks in residence.
2. A maximum of six semester hours of the 30 may be earned in extension centers or may be transferred from another college or university.
3. All of the course work shall be in courses which carry graduate credit, but a minimum of 15 semester hours shall be earned in courses open only to graduate students.
4. One-half of the course work shall be earned as a full-time student. (18 weeks)
5. The student shall have a standing of "B" in all graduate work completed and no credit in a course lower than "C" shall be accepted.
6. Students desiring to qualify for Rank I must earn a minimum of 15 of the 30 semester hours in academic work (30 out of a total of 60 semester hours) shall be included in a combination of the master degree program and the combination of the Rank I qualifications. The minimum of 30 semester hours of academic work shall be in the candidate's major, or minor, or area of preparation, or in supporting courses of the other disciplines as approved by the institution.

Departmental Graduate Course Offerings

Education

GRADUATE COURSES

I. Courses in Instructional Methods and Materials

Undergraduate courses which may be taken for graduate credit

312. Science in the Elementary School. Two hours.

313. Improvement in Reading Skills. Three hours.

322. Audio Visual Materials and Methods. Three hours.

335. Materials and Methods in Secondary Education. Two hours.

II. Courses in Educational Research

430a-b-c. Research in Curriculum and Instruction. One to three hours each. Research in instructional problems in reading, mathematics, science, social studies, and English; research in the area of the elementary and secondary curriculum.

432a-b-c. Research in Administration and Supervision. One to three hours each.

Special research projects in administration and supervision.

434a-b-c. Research in Guidance and Counseling. One to three hours each. Research problems relating to the organization and administration of the guidance program.

436a-b-c. Thesis Research. One to three each.

438. Research Methods. Three hours. Application of scientific method to educational research, including theory of research, experimental design, techniques in data gathering and the interpretation of results. To include research reporting and bibliographical techniques.

III. Courses in Statistics and Testing

440. Educational Statistics. Three hours.

Graphic and tabular arrangement of data; measures of central tendency; measures of relationship.

441. Classroom Test Construction. Three hours.

Construction and use of classroom tests; application of testing programs to research problems in classroom teaching.

443. Mental and Aptitude Testing. Three hours.

Administration and interpretation of standard mental and aptitude tests as tools of educational and occupational guidance.

Undergraduate courses which may be taken for graduate credit

340. Testing and Measurement in Education. Three hours.

IV. Courses in Administration

450. Fundamentals of School Administration. Three hours.

Advanced treatment of fundamental principles of administration; the board of education; the superintendent; budgets; salary schedules; relation with the public.

451. Elementary School Organization and Administration. Three hours.

Problems of organization and administration of elementary schools with special emphasis on the programs of instruction; classification, promotion, and guidance of pupils; custodial services; and relationships with patrons and community.

452. Secondary School Organization and Administration. Three hours.

Problems of organization and administration of secondary schools with special emphasis on programs of instruction; classification, promotion and guidance of pupils; relation of principal to non-professional personnel; and relationship with patrons and community.

24 DEPARTMENTAL OFFERINGS

454. Accounting for Public Personnel. Three hours.

Problems of personnel accounting with special attention to work of director of pupil personnel, and to records and reports incident to the Minimum Foundation Program.

456. Public School Finance. Three hours.

Local school finances; school budgets; accounting for school's money. Unit costs and cost accounting; accounting for school supplies; accounting for school property; insurance; business procedure and office practice.

457. School Law. Three hours.

Critical study of existing school code; judicial decision; administrative problems and the school code.

458. School Plant Administration. Three hours.

Educational needs and school building planning; architect service; standards of construction; types of buildings; building surveys.

482. School-Community Relations. Three hours.

A study of the background, need, and techniques in acquiring a wholesome working relationship with the laymen. Special emphasis is placed on lay involvement in school programs.

V. Courses in Supervision.

462. Supervision of Elementary School Subjects. Three hours.

Application of principles of supervision to problems of instruction in the elementary grades.

466. Principles of Supervision. Three hours.

The instructional side of school administration; organization, problems, principles, and techniques of improving teachers in service.

468. The Organization and Supervision of Student Teaching. Three hours.

VI. Courses in Curriculum

470. The Curriculum. Three hours.

The philosophy, the principles, the problems, and the practices of curriculum making.

Undergraduate courses which may be taken for graduate credit

334. Secondary School Curriculum. Three hours.

370. Elementary School Curriculum. Three hours.

372. The Core Curriculum. Three hours.

VII. Courses in History and Philosophy of Public Education.

486. History and Philosophy of Education. Three hours.

Survey of the historical roots of dominant philosophies of education.

487. Readings in History and Philosophy of Education. Three hours.

Special assignments relating to the history and philosophy of education.

Undergraduate courses which may be taken for graduate credit

330. Secondary Education. Three hours.

History and objectives of secondary education; problems of organization and administration of the secondary school.

380. General History of Education. Three hours.

Survey of philosophies and practices in the history of education; emphasis upon modern educational theory and practice.

VIII. Courses in Guidance and Counseling.

491. Guidance and Counseling in Education. Three hours.

Provides a comprehensive knowledge of the philosophy of guidance and counseling as a part of the overall school program as it relates to administration, supervision, and teaching.

492. Testing Techniques and Applications. Three hours.

Acquaintance with the correct methods of administering and scoring tests in the fields of abilities, achievement, interests, personality, attitudes, and certain special aptitude tests.

493. Group Guidance Activities. Three hours.

A review of the literature and a study of the purposes, objectives, problems, and techniques of group guidance.

494. Educational and Occupational Information. Three hours.

A study of the sources, types, and uses of educational and occupational information applicable in the counseling situations.

495. Utilization of Community Resources in Guidance. Three hours.

This course provides for individual community surveys of all resources which may be used in the processes and procedures of guidance and counseling to assist students in the proper choice of educational programs to qualify them for careers of their own selection. Based upon surveys actually made, ways and means of utilization of resources surveyed are discussed and applied where practicable.

497. Counseling Methods and Procedures. Three hours.

Detailed study and investigation of the various methods and procedures followed in individual and group counseling.

499. Principles and Practices in Guidance—Practicum. Three hours.

A laboratory course in the actual guidance and counseling procedures and practices.

Art

GRADUATE COURSES

406. Ceramics. Three hours.
Prerequisites: 106, 206, and 306.

An intensive study of the medium with individual problems; laboratory.

408. Sculpture. Three hours.
Prerequisite: 308.

Research problems in selected materials: clay, brass, welded steel, stone, plaster, and terrazzo.

409. Painting. Three hours.
Prerequisite: 309.

Research problems in selected materials: encaustic, fresco, gouache, egg tempera, acrylic.

412A. Investigations in Art Education. Three hours.

A study of investigative literature dealing with the problems of teaching art in the public schools.

412B. Investigations in Art Education. Three hours.

Problems involved in research.

417. Graphics. Three hours.
Prerequisite: 317.

Research problems in selected materials: relief, planographic, intaglio, and serigraph.

421. Art History: Architecture and Sculpture. Three hours.
Prerequisite: 321.

Supervised study of selected problems in this field.

423. Art History: Painting. Three hours.

Prerequisite: 323.

Supervised study of selected problems in this field.

Undergraduate courses which may be taken for graduate credit

306. Ceramics. Three hours.**308. Sculpture.** Three hours.**309. Painting.** Three hours.**317. Graphics.** Three hours.**321. Art History: Architecture and Sculpture.** Three hours.**323. Art History: Painting.** Three hours.

Biology

GRADUATE COURSES

416. Investigations in Biology. Three hours.

Critical study of research literature as it is related to the teaching of biology.

440. Principles and Concepts of Biology. Three hours.

Principles and concepts of biology with special emphasis upon physiological aspects of both plants and animals. Absorption, assimilation, respiration, reproduction, enzymes, and hormones are considered in detail. (NSF).

441. Microbiology. Three hours.

A basic course in Microbiology for teachers. A survey of the single celled plants and animals, stressing their morphological and physiological characteristics. Some experience in laboratory will be given in cultural and straining procedures and methods of microbial control. (NSF).

442. Vertebrate Zoology. Three hours.

Structure, taxonomy, embryology, histology, physiological processes and evolution of vertebrate groups. (NSF).

Undergraduate courses which may be taken for graduate credit

300. Plant Physiology. Three hours.

302. Pathogenic Microbiology. Three hours.

305. Natural History. Three hours.

315. General Ecology. Three hours.

316. Plant Taxonomy. Three hours.

320. General Entomology. Three hours.

324. Histology. Three hours.

325. Animal Microtechnique. Three to five hours.

350. Special Problems. Two to four hours.

Business and Government

BUSINESS

Undergraduate courses which may be taken for graduate credit

310. Principles of Business Management. Three hours.

A study of management processes in business enterprise. Takes into consideration the major functions of the business manager, such as policy-making, planning, organization, motivating, communicating, and decision making.

311. Personnel Management. Three hours.

Prerequisite: Business 310.

Covers the principles and policies of personnel management with emphasis on human relations and employee motivation.

316. Business Law I. Three hours.

The laws of business as operative in contracts, torts, agency, negotiable instruments, and banking papers.

317. Business Law II. Three hours.

The laws of business operative in partnership, corporation, sales, personal and real property, bailments, and insurance.

318. Managerial Accounting. Three hours.

Emphasizes the use of accounting information in making business decisions. Provides a broad overview of fundamental theory and methods in accounting and analyses the use of information provided in appraising, planning and controlling business.

GOVERNMENT

GRADUATE COURSES

400. Investigations in State and Local Government. Three hours.

Included in the course is an investigation by the student of some phase of county or municipal government of particular interest to him.

430. Constitution and Civil Rights. Three hours.

A study of recent developments in Supreme Court decisions with particular emphasis on civil rights.

Undergraduate courses which may be taken for graduate credit

300. The United States and World Affairs. Three hours.

320. Early Political Theory. Three hours.

321. Modern Political Theory. Three hours.

323. American Political Thought. Three hours.

324. Contemporary Political Thought. Three hours.

330. **American Constitutional Development I.** Three hours.

331. **American Constitutional Development II.** Three hours.

351. **Public Administration.** Three hours.

360. **The State Legislature.** Three hours.

Chemistry

GRADUATE COURSES

400. **Modern Approaches to High School Chemistry.** Three hours.

Fundamental principles, theories, and law. Comparison of The Chemical Bond Approach, The Chemical Education Material Study, The Classical and other Approaches, and the Relation to P.S.S.C. Physics and other similar programs. Lecture and laboratory. (NSF).

401. **Fundamentals of Organic and Bio-Chemistry for High School Teachers.** Three hours.

Modern concepts of organic structure and reactivity. Some basic principles of biochemistry. (NSF).

402. **Fundamentals of Analytical Techniques and Instrumentation for High School Teachers.** Three hours.

Modern analytical chemistry with emphasis on instrumental methods. (NSF).

416. **Investigations in Chemistry.** Three hours.

A critical study of literature dealing with the teaching of chemistry. Designed primarily for graduate students in Education.

460. **Investigations in Chemistry.**

A critical and comprehensive study of chemical literature dealing with a special topic of interest to the student, including reports and proposals for further research.

Undergraduate courses which may be taken for graduate credit. Adjustment can be made so that these courses can be taken as 400 credit.

315. **Physical Chemistry.** Four hours.

316. **Physical Chemistry.** Four hours.

330. **Advanced Analytical Chemistry.** Two hours.

331. **Advanced Analytical Laboratory.** Two hours.

332. **Instrumental Analysis.** Two hours.

340. **Advanced Organic Chemistry.** Two hours.

341. **Advanced Organic Laboratory.** Two hours.

342. **Chemical Research Problems.** Two hours.

350. **Advanced Physical Chemistry.** Two hours.

Economics and Sociology

GRADUATE COURSES

ECONOMICS

401. **A Survey of Public Finance.** Three hours.

A review of the basic principles of public finance and their application to school financing, bond issues, and state and local tax systems. Intended primarily for present and prospective public school administrators. Papers required.

470. **Studies in Economic Growth.** Three hours.

Private and public contributions toward encouragement of economic growth both domestic and foreign.

498/499. **Directed Studies.** Three hours.

Prerequisite: Economics 190, 191, and senior or graduate standing.

Undergraduate courses which may be taken for graduate credit

301. **Public Finance.** Three hours.

302. **Investments.** Three hours.

304. **American Economic History.** Three hours.

305. **Labor Economics.** Three hours.

315. **Economic Development of Europe.** Three hours.

340. **Intermediate Economic Analysis.** Three hours.

360. **Business Cycles.** Three hours.

370. Studies in Economic Growth. Three hours.

380. International Trade. Three hours.

390. Economic Thought. Three hours.

SOCIOLOGY

400. Cultural Anthropology. Three hours.

The science of man and his works, with emphasis on the origins and development of culture, the relationship of personality to culture and the life and culture of primitive peoples.

411. Social Investigations. Three hours.

Prerequisite: Sociology 101, senior or graduate standing, and permission of the instructor.

A course for advanced students capable of carrying out projects independently with advisory supervision.

412. Social Investigations. Three hours.

Prerequisites: Sociology 101, and senior or graduate standing and permission of the instructor.

A problem course similar to 311/411.

Studies are assigned to the student by the instructor and carried out under his supervision. Papers will be required.

Undergraduate courses which may be taken for graduate credit

306. Criminology. Three hours.

Prerequisite: Sociology 101. Three hours.

308. Social Organization. Three hours.

Prerequisite: Sociology 101. Three hours.

311. Social Investigations. Three hours.

312. Social Investigations. Three hours.

388. Social Stratification.

Prerequisite: Sociology 101. Three hours.

English

GRADUATE COURSES

400. Seminar in Dramatic Production. Three hours.

403. Literary Criticism. Three hours.
The theory of literary criticism based on the study of selected pieces of literature.

404. The Seventeenth Century. Three hours.

The concentrated study of the seventeenth century literature, forms and developments.

406. American Symbolism and Romanticism. Three hours.

An intensive study of the writings of Poe, Emerson, Thoreau, Hawthorne, Melville, and Whitman.

414. The Eighteenth Century. Three hours.

The concentrated study of the eighteenth century literature, forms and developments.

415. English Novel. Three hours.

The technique and history of the novel.

416. The American Novel. Three hours.

The American novel from Cooper to the present. History, general development, and technique are studied.

418. Investigations in English. Two or three hours.

A study of the professional literature pertaining to various aspects of the teaching of English.

419. Problems in English. Two or three hours.

A supervised study and research on various problems in the teaching of English.

421. Anglo-American Folksongs. Three hours.

A historical and critical study of traditional ballads and songs in Great Britain and the United States from the Middle Ages to the present.

450. Thesis Research. Six hours.

Undergraduate courses which may be taken for graduate credit

300. English Language. Three hours.

301. Advanced Composition. Three hours.

303. Teaching English in High School. Three hours.

304. **The Seventeenth Century.** Three hours.
305. **Romantic Movement.** Three hours.
307. **Chaucer.** Three hours.
308. **Modern American Literature.** Three hours.
309. **Kentucky Literature.** Three hours.
314. **The Eighteenth Century.** Three hours.
315. **English Novel.** Three hours.
316. **The American Novel.** Three hours.
317. **English Renaissance.** Three hours.
318. **Elizabethan Drama.** Three hours.
320. **World Literature.** Three hours.
321. **Anglo-American Folksongs.** Three hours.
322. **Milton and Dante.** Three hours.
325. **Integrating Survey of Literature.** Three hours.
326. **Tennyson and Browning.** Three hours.
327. **Play Directing—Theory and Practice.** Three hours.
331. **History of Drama.** Three hours.
341. **Problems in Journalism.** Three hours.

Foreign Languages

Undergraduate courses which may be taken for graduate credit

FRENCH

302. **Survey of French Literature.** Three hours.
303. **Survey of French Literature.** Three hours.
304. **Nineteenth Century French Realism.** Three hours.
306. **Teaching of Foreign Language.** Three hours.
350. **Seminar in French Literature.** Three hours.

- 351a-b-c. **Skills.** Three hours each.
- a. **Phonetics.**
- b. **Composition and Conversation.**
- c. **Diction.**

LATIN

306. **Teaching of Foreign Language.** Three hours.
- 350a-b. **Latin Literature.** Three hours each.
- 351a-b. **Latin Literature.** Three hours each.

SPANISH

306. **Teaching of Foreign Language.** Three hours.
308. **Advanced Composition and Conversation.** Three hours.
309. **Background of Modern Spain.** Three hours.
350. **Seminar in Literature.** Three hours.
351. **Seminar in Language and Literature.** Three hours.

Geography and Geology

GRADUATE COURSES

400a-b. **Geographical Studies in Research.** Two hours each.
Geographical research methods (cartographic, statistical, library, field). An individual problem in research is attempted.

401. **Investigations in Geography.** Two hours.

The literature dealing with teaching geography and with philosophy of geography. Seminar organization.

402. **Physiography of North America.** Three hours.

Physiographic regions, with additions from geomorphology.

403. **World Political Problems.** Two hours.

Geographical factors affecting foreign relations. Special emphasis is placed upon problem areas and selected great powers. Seminar or lecture, depending upon preparation of the class.

405. Biogeography. Three hours.

Emphasis is upon phytogeography: plant ecology, plant indicators, morphology of plant communities, formations and associations in relation to climatic regions, soil types, and native animals. Lecture, library, and field laboratory.

Undergraduate courses which may be taken for graduate credit

311A. Earth Science. Three hours.

A course in geology and geography for high school teachers. Elementary aspects of physical climatology, regional climatology. Sedimentation, vulcanism, metamorphism, diastrophism, ores, and mineral resources. (NSF).

311B. Earth Science. Three hours.

A course for high school teachers. Introduction to cartography, topographic maps, rock weathering, work of running water and ground water, glaciation, the oceans, work of wind, and earth history. (NSF).

321. Meteorology. Three hours.

Some of the topics studied are: a general introduction to the atmosphere stressing the recent discoveries concerning the upper atmosphere; a brief introduction to weather codes and weather. (NSF).

322. Climatology. Three hours.**325. Political Geography.** Three hours. I, Alternate S.**351. Historical Geography of the United States.** Three hours. Alternate I.**362. Geography of South America.** (Omitted 1961.) Three hours. II, Alternate S.**364. Geography of Europe.** Three hours. I, II, Alternate S.**365a. Geography of East Asia.** Two hours.**365b. Geography of South Asia.** Two hours.**366. Geography of Africa.** Three hours.**371. Conservation of Natural Resources.** Three hours. II, Alternate S.**Miscellaneous Courses****GRADUATE COURSES****SOCIAL SCIENCE****401. Growth and Development of Kentucky.** Three hours.

Broad outlines of Kentucky geography, Kentucky history, and Kentucky government. A similar interdepartmental course, Social Science 125, was formerly required in the curriculum for elementary teachers.

Undergraduate courses which may be taken for graduate credit

345. Conservation of Natural Resources in Kentucky. Two hours.**History****GRADUATE COURSES****400. Cultural and Social Aspects of American Life.** Three hours.

Open only to graduate students in Elementary Education.

413. English History Since 1914. Three hours.**417. The United States and Latin America.** Three hours.

Emphasizing the development of Pan-Americanism.

421. The United States, 1901-1940. Three hours.

A study emphasizing the progressive era, first World War, the failure of peace, the great depression, and the New Deal.

423. The Era of the French Revolution and Napoleon. Three hours.

Undergraduate courses which may be taken for graduate credit

300. The United States, 1783-1828. Three hours.**301. The South, 1828-1900.** Three hours.**302. The Age of Jackson.** Three hours.**303. The Civil War and Reconstruction.** Three hours.**305. The Renaissance and the Reformation.** Three hours.**310. Europe Since 1914.** Three hours.

314. The Diplomatic History of the United States. Three hours.

315. History of Colonial America. Three hours.

316. The United States Between the Civil War and 1900. Three hours.

320. Nineteenth and Twentieth Century Russia. Three hours.

321. History of the Far East. Three hours.

Industrial Arts

GRADUATE COURSES

410a-b. Investigations in Industrial Arts. Three hours.

This course deals with investigations in either wood, metal graphic arts, or shop organization with emphasis on problems concerned with the selection and use of materials.

420. Philosophy of Industrial Education. Three hours.

Development of industrial education, motivating factors, concepts, leaders, and current trends.

Undergraduate courses which may be taken for graduate credit

304. History of Industrial Arts. Three hours.

305. Printing. Three hours.

310a-b. Industrial Arts Problems. Three hours.

320. Industrial Arts Curriculum. Three hours.

Library Science

GRADUATE COURSES

409. Investigations in Library Science. Three hours. I, II.

Prerequisite: Eighteen hours of library science and graduate standing. Study of the scholarly professional literature in library science and of the methods of research used by investigators in the study of library problems. A research paper is required.

Undergraduate courses which may be taken for graduate credit

302. Libraries and Librarianship. Three hours. II, S.

303a. Books and Related Materials for Young People, I. Three hours.

303b. Books and Related Materials for Young People, II. Three hours.

306. Classification and Cataloging. Three hours. II, S.

308. Reference and Bibliography. Three hours.

322. Audio-Visual Materials and Methods. Three hours.

Mathematics

GRADUATE COURSES

401. Descriptive Statistics. Three hours.

The analysis of data of means of frequency distributions and statistics which describe them. Other topics studied are: charts and graphs; introduction to probability; central tendency, dispersion, and skewness; the normal distribution; and correlation and regression. (NSF).

402. Foundations of Mathematics. Three hours.

An attempt to provide a unified approach to the logical structure of mathematics and to develop a philosophical point of view toward mathematical knowledge. Emphasis is placed on the following: sets, operations, axiomatic method, and nature of a mathematical proof. (NSF).

403. Introduction to Analysis. Three hours.

A unified treatment of pre-calculus college-level mathematics and introduction to calculus-type thinking for those whose formal training does not include a course in the calculus. Introduction is given to modern mathematical language and abstract terminology. (NSF).

Undergraduate courses which may be taken for graduate credit

307. Theory of Equations. Three hours.

308. College Geometry. Three hours.

309. History of Mathematics. Three hours.

331. **Differential Equations.** Three hours.
332. **Intermediate Analysis.** Three hours.
334. **Probability.** Three hours.
335. **Vector Analysis.** Three hours.
336. **Foundations of Mathematics.** Three hours.

Music

GRADUATE COURSES

409. **Composition.** Two to three hours.
Prerequisite: Consent of instructor.
Continuation of previous composition study and efforts at creative writing.
400. **Principles of Supervision.** Three hours.
Prerequisite: Music 170.
Educational objectives; problems of organizing, administering, and supervising a music curriculum in the school which will meet the musical needs of all children. Comparative materials.
420. **Investigations in Music Education.** Three hours.
Investigations in specialized branches of music education.
421. **Problems in Music Education.** Three to four hours.
An application of approved theories of music education to specific problems in the field.
422. **Directed Individual Study.** Three hours.
Directed individual study of music education.
Undergraduate courses which may be taken for graduate credit
301. **Instrumental Methods.** Three hours.
302. **Choral Methods.** Three hours.
303. **Seminar—Principles of Music Education.** One hour.
307. **Counterpoint I.** Two hours.
308. **Counterpoint II.** Two hours.
309. **Composition.** Two hours.

312. **Orchestration and Band Arranging.** Three hours.
330. **Music Literature.** Two hours.
331. **The Renaissance.** Two hours.
332. **The Symphony.** Two hours.
333. **Modern Music.** Two hours.
358. **Junior or Senior Recital.** Two or four hours.
360. **Conducting II.** One hour.

Physical Education

GRADUATE COURSES

402. **Educational Philosophies of Athletics.** Two hours.
A discussion of current athletic doctrines and controversies, in the light of their historic background and their philosophical implications.
410. **Supervision and Program Construction in Physical Education.** Three hours.
Principles underlying the construction of a physical education program; practice in observing and evaluating procedures.
415. **Curriculum Construction in Health Education.** Three hours.
A study of fundamental problems in curriculum construction and program planning for elementary and secondary schools.
419. **Investigations in Physical Education.** Three hours.
(See Department of Education.)
For minors in physical education and supervisors and principals; problems of organization and administration of physical education programs.
441. **Facilities, Construction and Equipment.** Two hours.
Principles and standards for maintaining facilities and planning construction; purchase and care of equipment.
443. **Problems in the Administration of Athletics.** Two hours.
For athletic directors, supervisors, and athletic coaches. A study of representative athletic-administration procedures for colleges and public-school systems. Business Management is also stressed.
Undergraduate courses which may be taken for graduate credit

351. Physical Diagnosis and Corrective Physical Education. Three hours.

355. Administration of Health and Physical Education. Three hours.

Physics

GRADUATE COURSES

400. Modern Developments in Physics. Three hours.

This course will provide a qualitative study of the development of physics since 1890, to bring up to date those teachers who have been in the field for some time. (NSF).

401. Selected Topics in Modern Physics. Three hours.

A course designed to acquaint the student with recent advances in selected areas of pure and applied physics. (NSF).

402. Classical Developments in Physics. Three hours.

This course will emphasize a study of the fundamental principles of physics that were discovered prior to 1890. A historical point of view will be followed. (NSF).

460. Investigations in Physics. Three hours.

A literature search and study relating to a special topic of interest to the student with potential benefit to the teaching of physics.

Undergraduate courses which may be taken for graduate credit

321. Theoretical Mechanics I. Three hours.

322. Theoretical Mechanics II. Three hours.

331. Thermodynamics I. Two hours.

332. Thermodynamics II. Two hours.

351. Theoretical Electricity I. Three hours.

352. Theoretical Electricity II. Three hours.

371. Modern Physics Laboratory I. Two hours.

372. Modern Physics Laboratory II. Two hours.

375/376. Senior Seminar I. Four hours.

381. Mathematical Physics I. Three hours.

382. Mathematical Physics II. Three hours.

391. Quantum Mechanics. Three hours.

392. Nuclear Physics. Three hours.

Psychology

GRADUATE COURSES

400. Personality Development. Three hours.

A survey of basic psychological principles underlying the study of personality in relation to a social environment. Among the topics discussed are: theories of personality, the process of socialization of the individual, factors influencing adjustment to a social environment.

402. Advanced Educational Psychology. Three hours.

Prerequisite: Psychology 102, 202.

Psychology of learning; different psychological theories; psychological methods and techniques; experimental literature.

443. Mental and Aptitude Testing. Three hours.

Administration and interpretation of standard mental and aptitude tests as tools of educational and occupational guidance.

Undergraduate courses which may be taken for graduate credit

303. Experimental Psychology. Three hours.

307. Social Psychology. Three hours.

310. Systems of Psychology. Three hours.

315. Differential Psychology. Three hours.

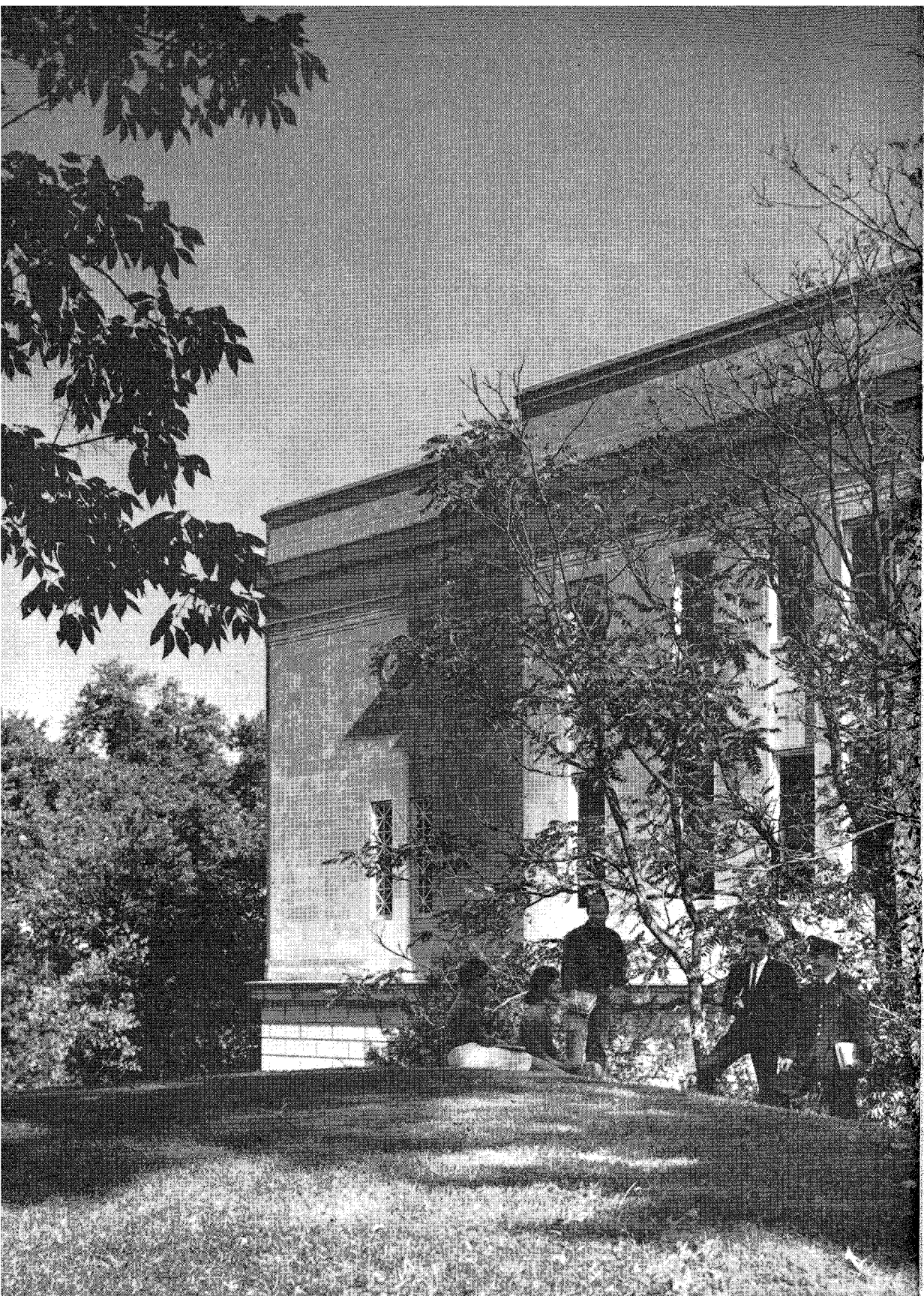
316. Psychological Tests and Measurements. Three hours.

318. Psychology of Exceptional Children. Three hours.

319. Abnormal Psychology. Three hours.

320. Personality Adjustments and Mental Hygiene. Three hours.

399. Departmental Seminar. Three hours.



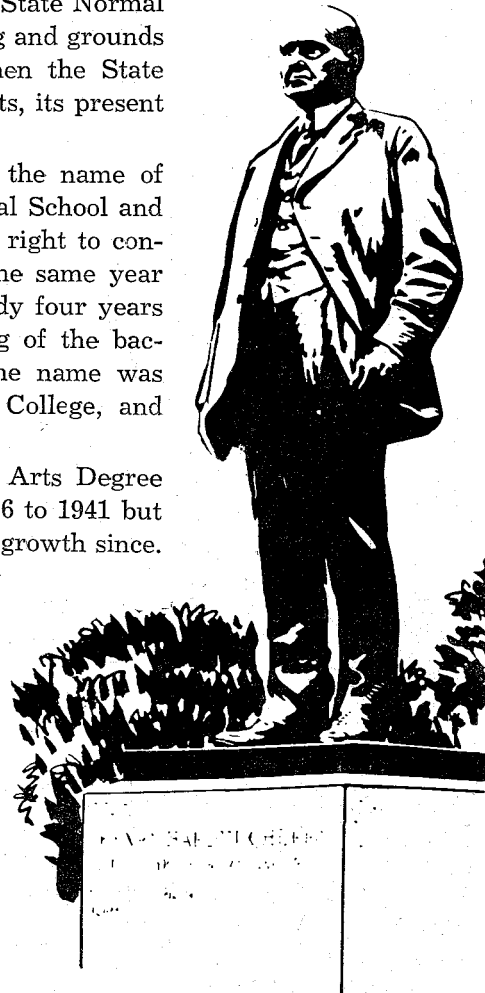
The Development of Western

Western Kentucky State College was established by act of the 1906 Legislature of Kentucky. Prior to this, there had existed in Bowling Green the Southern Normal School and the Bowling Green Business University, whose president was Dr. Henry Hardin Cherry. On January 1, 1907, the Southern Normal School was transferred to the State, and Dr. Cherry became the first president of Western Kentucky State Normal School. The state institution occupied the building and grounds of the Southern Normal School until 1911, when the State Normal School was transferred to College Heights, its present site.

In 1922 the Kentucky Legislature changed the name of the institution to Western Kentucky State Normal School and Teachers College and granted to the College the right to confer degrees on its graduates. In September of the same year the Executive Council approved a course of study four years above high school and authorized the conferring of the baccalaureate degree on its completion. In 1930 the name was changed to Western Kentucky State Teachers College, and in 1948 to Western Kentucky State College.

Western first began offering the Master of Arts Degree in 1931. This program was discontinued from 1936 to 1941 but was resumed in 1941 and has enjoyed continuous growth since.

A bronze statue of Dr. Henry Hardin Cherry stands in front of Cherry Hall, Western's main classroom building which is named in his honor.



The Purposes of Western

Western Kentucky State College exists to serve all the talented youth of Kentucky and to provide an education which will enable them to become leaders in their chosen professions and to become responsible citizens in their communities. As a part of its program, the College feels responsible for helping students to develop an appreciation for democratic institutions, to formulate a personal ethical and moral value system, to appreciate their cultural heritage, and better to understand themselves and their fellow man. Within this context of purpose four specific objectives are listed below.

It is recognized that any attempt at delineation of purpose cannot adequately describe the aims of the institution.

I. Teacher Education

A primary objective of Western Kentucky State College is the education of teachers and school leadership personnel for the schools of Kentucky.

II. Liberal Arts Education

Western Kentucky State College has as a prime objective the broad and liberal education of all its students. Every curriculum of the College has been formulated with this objective in mind.

III. Professional and Pre-Professional Education

Western Kentucky State College accepts the responsibility of providing for the youth of Kentucky certain special professional and pre-professional curricula.

IV. Cultural and Educational Extension of the College

Western Kentucky State College has the additional responsibility of projecting its influence into the State by means of extension classes, correspondence courses, musical concerts, art exhibits, dramatic performances, lecture services, and educational conferences. These extensions of the College are facilitated through the cooperation of its alumni and friends throughout the State.

